

(*See, e.g.*, col. 2, lines 25-39). Valentine appears to disclose a cellular telephone system wherein a subscriber's service may be restricted based on the subscriber's location.

Applicants, on the other hand, disclose and claim a system and method for processing communication services according to "user-defined, location-dependent" rules (*e.g.*, claims 1 and 17). Neither Anderson nor Valentine, individually or in combination, teach or suggest "user-defined" processing rules. Thus, claims 1 and 17 are believed to be patentable. Further, Applicants claim that the geographic areas within which the rules apply also are specified by the user (*e.g.*, claims 2 and 18), another feature not taught or suggested by either Anderson or Valentine. Thus, claims 2 and 18, which depend from claims 1 and 17, respectively, are believed to be patentable for this additional reason.

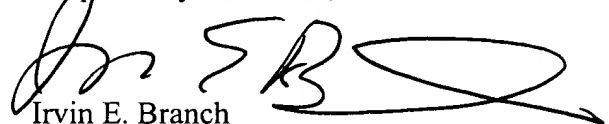
Claims 3-16 and 33-37 depend from claim 1, and claims 19-32 and 38-42 depend from claim 17. All of these claims are believed to be patentable as being directed to specific, novel substitutes, as well as, by depending from allowable parent claims.

CONCLUSION

In view of the foregoing, Applicants believe all claims now pending in this Application are in condition for allowance. The issuance of a formal Notice of Allowance at an early date is respectfully requested.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 303-571-4000.

Respectfully submitted,


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APPENDIX A

VERSION WITH MARKINGS TO SHOW CHANGES MADE

1. (Once Amended) A method for processing communication services for a mobile subscriber associated with a wireless network, the method comprising:

~~defining~~ receiving from the mobile subscriber user-defined, location-dependent rules associated with at least one communication service subscribed to by the mobile subscriber;

determining a current location of the mobile subscriber; and

processing the communication services based on the user-defined, location-dependent rules and the current location of the mobile subscriber.

2. (Once Amended) The method as recited in claim 1 wherein [defining] receiving the user-defined, the location-dependent rules comprises:

~~defining~~ receiving from the subscriber a specification for at least one geographic area associated with the mobile subscriber; and

~~defining~~ receiving from the subscriber rules for processing the at least one communication service for the mobile subscriber when the mobile subscriber is in ~~the at least one~~ of the geographic areas.

3. (Once Amended) The method as recited in claim 2 wherein ~~defining the at least one geographic area includes~~ defining the specification defines a dynamic geographic area dependent on the instantaneous location of the subscriber.

4. (Once Amended) The method as recited in claim 3 ~~wherein~~ defining the dynamic geographic area includes generating the specification

includes receiving a signal indicating a general geographic area dependent on the current location of the subscriber.

5. (Once Amended) The method as recited in claim 2 wherein the specification defines a ~~defining the at least one geographic area includes~~ ~~defining at least one static predetermined~~ geographic area independent of the current location of the subscriber.

6. (Once Amended) The method as recited in claim 5 wherein the static geographic area is selected from a list of predetermined geographic areas ~~defining the at least one static geographic area includes selecting a~~ ~~predetermined known geographic area.~~

7. (Once Amended) The method as recited in claim 5 wherein ~~defining the at least one static geographic area includes~~ defining the static geographic area includes a general geographic area dependent upon a known geographic location.

8. The method as recited in claim 1 wherein the wireless network includes at least one base station at a known location for communicating with the mobile subscriber and wherein determining the current location of the mobile subscriber comprises:

receiving a signal from the mobile subscriber; and

determining the location of the mobile subscriber based on the signal from the mobile subscriber and the known location of the at least one base station.

9. The method as recited in claim 8 wherein receiving the signal includes continuously receiving the signal from the wireless subscriber.

10. The method as recited in claim 8 wherein receiving the signal includes receiving the signal from the wireless subscriber in response to a prompt from the wireless network.

11. The method as recited in claim 8 wherein receiving the signal includes receiving a Global Positioning Signal from the mobile subscriber.

12. The method as recited in claim 8 wherein receiving the signal includes receiving a strength of the signal from the mobile subscriber.

13. The method as recited in claim 8 wherein receiving the signal includes receiving signal propagation timing information from the mobile subscriber.

14. (Once Amended) The method as recited in claim 1 wherein processing the communication services comprises:
receiving an outgoing call from the mobile subscriber; and
processing the outgoing call based on the user-defined, location-dependent rules and the current location of the subscriber.

15. (Once Amended) The method as recited in claim 1 wherein processing the communication services comprises:
receiving an incoming call for receipt by the mobile subscriber; and
processing the incoming call based on the user-defined, location-dependent rules and the current location of the subscriber.

16. (Once Amended) The method as recited in claim 1 further comprising:
determining supplemental subscriber information from the mobile subscriber; and

wherein processing the communication services further comprises processing the communication services based on the supplemental subscriber information, the current location of the subscriber and the user-defined, location-dependent rules.

17. (Once Amended) A system for processing communication services for a mobile subscriber associated with a wireless network, the system comprising:

a database for storing user-defined, location-dependent rules associated with at least one communication service subscribed to by the mobile subscriber; and

service logic for determining a current location of the mobile subscriber and generating call processing instructions for processing the communication services based on the user-defined, location-dependent rules and the current location of the mobile subscriber.

18. (Once Amended) The system as recited in claim 17 further comprising an interface ~~for defining~~ operable to receive from the mobile subscriber a specification for at least one geographic area associated with the mobile subscriber and [wherein storing the rules includes storing] rules for processing the communication services for the mobile subscriber when the mobile subscriber is in [the at least] one of the geographic areas.

19. (Once Amended) The system as recited in claim 18 wherein ~~the specification includes the interface, in defining the at least one geographic area, is further operative to define~~ a dynamic geographic area dependent on the instantaneous location of the subscriber.

20. (Once Amended) The system as recited in claim 19 wherein the interface, ~~in defining the geographic area,~~ is further operative to receive

~~generate~~ a signal as part of the specification that defines ~~indicating~~ a changing geographic area dependent on the current location of the subscriber.

21. (Once Amended) The system as recited in claim 18 wherein ~~the interface, in defining the at least one geographic area, is further operative to define~~ specification includes at least one static ~~predetermined~~ geographic area independent of the current location of the subscriber.

22. (Once Amended) The system as recited in claim 21 wherein ~~the static geographic area is selected from a list of predetermined geographic areas~~ interface, in defining the at least one static geographic area, is further operative to allow selection of a predetermined known geographic area.

23. (Once Amended) The system as recited in claim 21 wherein ~~the interface, in defining the at least one static geographic area, is further operative to define~~ static geographic area includes a general geographic area dependent upon a known geographic location.

24. (Once Amended) The system as recited in claim 17 wherein the wireless network includes at least one base station at a known location for communicating with the mobile subscriber and wherein the service logic, in determining the current location of the ~~wireless mobile subscriber~~, is further operative to receive a signal from the mobile subscriber, and determine the location of the mobile subscriber based on the signal from the mobile subscriber and the known location of the at least one base station.

25. The system as recited in claim 24 wherein the service logic, in receiving the signal, is further operative to continuously receive the signal from the mobile subscriber.

26. The system as recited in claim 24 wherein the service logic, in receiving the signal, is further operative to receive the signal from the mobile subscriber in response to a prompt by the service logic.

27. The system as recited in claim 24 wherein the service logic, in receiving the signal, is further operative to receive a Global Positioning Signal from the mobile subscriber.

28. The system as recited in claim 24 wherein the service logic, in receiving the signal, is further operative to receive a strength of the signal from the mobile subscriber.

29. The system as recited in claim 24 wherein the service logic, in receiving the signal, is further operative to receive signal propagation timing information from the mobile subscriber.

30. (Once Amended) The system as recited in claim 17 wherein the service logic, in processing the communication services, is further operative to receive an outgoing call from the mobile subscriber, and process the outgoing call based on the user-defined, location-dependent rules and the current location of the subscriber.

31. (Once Amended) The system as recited in claim 17 wherein the service logic, in processing the communication services, is further operative to receive an incoming call for receipt by the mobile subscriber, and process the incoming call based on the user-defined, location-dependent rules and the current location of the subscriber.

32. (Once Amended) The system as recited in claim 17 wherein the service logic is further operative to determine supplemental subscriber information from the mobile subscriber and process the communication services

based on the supplemental subscriber information, the current location of the subscriber and the user-defined, location-dependent rules.

33. (New) The method as recited in claim 1, wherein the current location of the mobile subscriber includes an area not defined by the boundaries of a cell of the wireless network.

34. (New) The method as recited in claim 1, wherein the at least one communication service includes caller identification.

35. (New) The method as recited in claim 1, wherein the at least one communication service includes call forwarding.

36. (New) The method as recited in claim 1, wherein the at least one communication service includes do not disturb.

37. (New) The method as recited in claim 2, wherein at least one geographic area is not defined by the boundaries of a cell of the wireless network.

38. (New) The system as recited in claim 17, wherein the current location of the mobile subscriber includes an area not defined by the boundaries of a cell of the wireless network.

39. (New) The system as recited in claim 17, wherein the at least one communication service includes caller identification.

40. (New) The system as recited in claim 17, wherein the at least one communication service includes call forwarding.

41. (New) The system as recited in claim 17, wherein the at least one communication service includes do not disturb.

42. (New) The system as recited in claim 18, wherein at least one geographic area is not defined by the boundaries of a cell of the wireless network.